



18334 U.S. PTO

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Our File No. 9281-4786
Client Reference No. S US03028

22264 U.S. PTO
10/811635**PATENT APPLICATION TRANSMITTAL LETTER**

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of Dou Yuanzhu for Patch Antenna Apparatus Preferable For Receiving Ground Wave And Signal From Low Elevation Angle Satellite.

Enclosed are:

- ☒ Preliminary Amendment
- ☒ 12 pages of application (including title page and Abstract), 2 sheets of formal drawings and the following Appendices: n/a
- ☒ Declaration and Power of Attorney for Patent Application
- ☒ Assignment transmittal letter and Assignment of the invention to: Alps Electric Co., Ltd.
- ☒ Submission of Certified Copy of Priority Document and certified copy of Japanese Application No(s). 2003-105409 filed on April 9, 2003
- ☒ Information Disclosure Statement, PTO-1449, and references A1 - A2

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		
Total Claims	2 -20	0
Indep. Claims	1 -3	0
Multiple Dependent Claims Present		

*If the difference in col. 1 is less than zero, enter "0" in col. 2.

Small Entity	
Rate	Fee
	\$ 385
x\$9=	\$
x\$43=	\$
+\$145=	\$
Total	\$

Other Than Small Entity	
Rate	Fee
	\$ 770
x\$18=	\$
x\$86=	\$
+\$290=	\$
Total	\$770

☐ Please charge my Deposit Account No. 23-1925 in the amount of \$_. A duplicate copy of this sheet is enclosed.

☒ A check in the amount of \$770 to cover the filing fee is enclosed.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

☒ Any additional filing fees required under 37 CFR § 1.16.

☒ Any patent application processing fees under 37 CFR §1.17.

☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

☐ Any filing fees under 37 CFR § 1.16 for presentation of extra claims.

☐ Any patent application processing fees under 37 CFR § 1.17.

☐ The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

Date

3/29/04

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